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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,250	03/31/2004	Michael D. Gandrud	P06720US0-5225	8157

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EXAMINER

NGUYEN, HANH N

ART UNIT	PAPER NUMBER
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2834

DATE MAILED: 09/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/815,250	Applicant(s) GANDRUD, MICHAEL D.	
	Examiner Nguyen N. Hanh	Art Unit 2834	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) 6-9 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 10-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 March 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election of claims 1-5 in the reply filed on 8/29/2005 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "toolable geometry" in claim 12 and "a plurality of terminal bolts" in claim 13 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New

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Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Klink.

Regarding claim 1, Klink discloses an electrical conductor for a fluid filled power unit comprising: a power unit housing (1 in Fig. 1); insulating elements (9) received by a passage extending through the housing; a terminal bolt (2) passing through the insulating elements; sealing means (8 and 10) between the terminal bolt, insulating elements, and the housing; and a fastening nut secured to the terminal bolt compressing the sealing means to seal against fluid flow through the passage (Col. 4, lines 35-40).

4. Claims 1-5 and 10-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Flanigan (US 4,614,397).

Regarding claim 1, Flanigan discloses an electrical conductor for a fluid filled power unit comprising: a power unit housing (12 in Fig. 4); insulating elements (30 and 50) received by a passage extending through the housing; a terminal bolt (70) passing through the insulating elements; sealing means (90 and 92) between the terminal bolt,

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insulating elements, and the housing; and a fastening nut secured to the terminal bolt compressing the sealing means to seal against fluid flow through the passage (Fig. 2 and Col. 1, lines 5-10).

Regarding claim 2, Flanigan also discloses an electrical conductor further comprising a wire terminal secured to the terminal bolt (Fig. 2 and Col. 3, lines 55-60).

Regarding claim 3, Flanigan also discloses an electrical conductor wherein an electrical cable is secured to the head of the terminal bolt (Fig. 3 and Col. 3, lines 5-10).

Regarding claim 4, Flanigan also discloses an electrical conductor wherein an electrical cable is secured to the wire terminal (Fig. 2 and Col. 3, lines 55-60).

Regarding claim 5, Flanigan also discloses an electrical conductor wherein sealing means is an O-ring (Col. 2, lines 65-68).

Regarding claim 10, Flanigan also discloses an electrical conductor wherein the power unit is an electrical machine (Col. 1, lines 5-7).

Regarding claim 11, Flanigan also discloses an electrical conductor wherein the electrical machine is an electric motor.

Regarding claim 12, Flanigan also discloses an electrical conductor wherein the terminal bolt has a toolable geometry (Fig. 4).

Regarding claim 13, Flanigan also discloses an electrical conductor wherein the insulating elements (30 in Fig. 2) receive a plurality of terminal bolts.

Regarding claim 14, Flanigan also discloses an electrical conductor further comprising interlocking means (recess in insulating elements 30 to receive bolt-head as shown in Fig. 4) to prevent undesired rotation of the terminal bolt.

Regarding claim 15, Flanigan also discloses an electrical conductor wherein the insulating elements comprise an elastomeric material (Fig. 4).

Regarding claim 16, Flanigan also discloses an electrical conductor wherein the insulating elements have O-ring geometries (Fig. 4).

Conclusion


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh N Nguyen whose telephone number is (571) 272-2031. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg, can be reached on (571) 272-2044. The fax phone numbers for the organization where this application or proceeding is assigned are (571) 273-8300 for regular communications and (571) 273-8300 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

HNN

September 15, 2005


DARREN SCHUBERG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800